hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: February 3, 2004.

Whorst Mol

Robert Moll, Reg. No. 33,741

U.S. PATENT AND TRADEMARK OFFICE

In re Application of: Michael Workman et al.

Examiner: Unknown

Title: Systems and Methods of Multiple Access

Art Unit: 2186

Paths to Single Ported Storage Devices

Attorney Docket No. Pillar 716

Application No. 10/677,560 Filing date: October 1, 2003

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Examiner:

This Information Disclosure Statement is submitted:

<u>X</u> under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

under 37 CFR 1.97(c) together with either: a certification under 37 CFR 1.97(e), Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement, or a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97(b) time period, but before final action or notice of

allowance, whichever occurs first)

	under 37 CFR 1.97(d) together with a:
	Certification under 37 CFR 1.97(e), and
	a petition under 37 CFR 1.97(d)(2)(ii), and
	a \$130.00 petition fee set forth in 37 CFR 1.17(i)
	(Filed after final action or notice of allowance, whichever occurs first, but
	before payment of the issue fee)
X	Applicant(s) submit an information disclosure statement and PTO/SB/08A
	form(s), and/or PTO/SB/08B form(s)
	Applicant(s) submit copies of patents, publications, and/or other information to be
review	ed in examination for which there may be a duty to disclose under 37 CFR 1.56,
or	
<u>X</u>	Applicant(s) submitted copies of such patents, publications, or other information
in an ir	nformation disclosure in earlier US Application No. 10/264,603, which is relied on
for an	earlier effective filing date under 35 USC 120
Please	call if you have a question, comment or it will expedite prosecution.
	Respectfully submitted,
	Usbert moll
	Robert Moll

Reg. No. 33,741

1173 St. Charles Court Los Altos, CA 94024

Tel: 650-567-9153

Fax: 650-567-9183

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

er the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/677,560				
Filing Date	10/01/2003				
First Named Inventor	Michael Workman et al.				
Art Unit	2186				
Examiner Name	Unknown				
Attorney Docket Number	Pillar 716				

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code ^{2 (F known)}			Figures Appear
		^{US-} 6426916 B2	07-30-2002	Farmwald et al.	
		^{US-} 6401170 B1	06-04-2002	Griffith et al.	
		^{US-} 6378084 B1	04-23-2002	Strunk et al.	
		^{US-} 6332197 B1	12-18-2001	Jadav et al.	
		^{US-} 6324669 B1	11-27-2001	Westby	
		^{US-} 6317839 B1	11-13-2001	Wells	
		^{US-} 6295555 B1	09-25-2001	Goldman	
		^{US-} 6279138 B1	08-21-2001	Judav et al.	
		^{US-} 6279057 B1	08-21-2001	Westby	
_		^{US-} 6272662 B1	08-07-2001	Judav et al.	
		^{US-} 6262993 B1	07-17-2001	Kirmse	
		^{US-} 6259695 B1	07-10-2001	Ofek	·
		^{US-} 6219753 B1	04-17-2001	Richardson	
		^{US-} 6138187	10-24-2000	Denning et al.	
		us- 6128762	10-03-2000	Jadav et al.	
		^{US-} 6119183	09-12-2000	Briel et al.	
		^{US-} 6098146	08-01-2000	Bouvier et al.	
		^{US-} 6067562	05-23-2000	Goldman	
		^{US-} 6065096	05-16-2000	Day et al.	

Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY	7,7	Or Relevant Figures Appear	T6
		WO9926152A3	05-27-1999	Westby		
		WO9926151A1	05-27-1999	Westby		Г
		WO9926137A1	05-27-1999	Westby		
	ļ		_			
						L

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to res

Substitute for form 1449/PTO

Sheet |2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known						
Application Number	10/677,560					
Filing Date	10/01/2003					
First Named Inventor	Michael Workman et al.					
Art Unit	2186					
Examiner Name	Unknown					
Attorney Docket Number	Pillar 716					

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	 	US- 5931958	08-03-1999	Bouvier et al.	· ·gareat speci
					
	 	^{US-} 5875479	02-23-1999	Blount et al.	
		^{US-} 5845154	12-01-1998	Krakirian et al.	
		^{US-} 5787463	07-28-1998	Gajjar	
		^{US-} 5781803	07-14-1998	Krakirian	
		^{US-} 5768623	06-16-1998	Judd	
		^{US-} 5752083	05-12-1998	Krakirian	
		^{US-} 5748871	05-05-1998	DuLac et al.	
		^{US-} 5737371	04-07-1998	Jaquette	
		^{US-} 5694615	12-02-1997	Thapar et al.	
		^{US-} 5644705	07-01-1997	Stanley	
		^{US-} 5640593	06-17-1997	Krakirian	
		^{US-} 5636358	06-03-1997	Gerald et al.	
		us- 5634081	05-27-1997	Krakirian	
		us- 5634033	05-27-1997	Stewart et al.	
		us- 5629867	05-13-1997	Goldman	
		^{US-} 5603066	02-11-1997	Krakirian	
	1	^{US-} 5603056	02-11-1997	Totani	
		^{US-} 5574929	11-12-1996	Pieterse et al.	

		FOREI	GN PATENT DOCU	IMENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ "Number ⁴ "Kind Code ⁵ (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		EP0869641 A3	12-13-2000	Oldfield et al.		
		EP0751464 A1	01-02-1997	Thapar et al.		
		EP0717357 B1	02-26-2003	Stewart et al.		
		EP0486230 A1	05-20-1992	Lattin et al.		
		EP0407997 B1	06-21-1995	Shiobara		

Examiner	Da	ate	
Signature	i co	onsidered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁸Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known Application Number 10/677,560 Filing Date 10/01/2003 First Named Inventor Michael Workman et al. Art Unit 2186 Examiner Name Unknown

STATEMENT BY APPLICANT
(Use as many sheets as necessary)

INFORMATION DISCLOSURE

Sheet 3 of 3 Attorney Docket Number Pillar 716

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 5386535	01-31-1995	Carteau	
		^{US-} 5341351	08-23-1994	Ng	
		^{US-} 5335321	08-02-1994	Harney et al.	
		^{US-} 5247640	09-21-1993	Maehara	
		^{US-} 5241630	08-31-1993	Lattin et al.	
		^{US-} 5235689	08-10-1993	Baker et al.	
		^{US-} 5119488	06-02-1992	Takamatsu et al.	
		US- 4747047	05-24-1988	Coogan et al.	
		^{US-} 4371932	02-01-1983	Dinwiddie	
		^{US-} 4270154	05-26-1981	Crawford	
		^{US-} 2002/0087898 A1	07-04-2002	Bormann et al.	
		^{US-} 2001/0034813 A1	10-25-2001	Basham et al.	
		^{US-} 2003/0135577 A1	07-17-2003	Weber et al.	
		US-			
		US-			
- "		US-			
		US-			
		US-			
		US-			

		FOREI	GN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
<u>.</u> .						
						L
						L
			1			Г

Examiner	" 17	Date	
Signature		Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE he Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known ute for form 1449/PTO **Application Number** 10/677,560 INFORMATION DISCLOSURE Filing Date 10/01/2003 STATEMENT BY APPLICANT **First Named Inventor** Michael Workman et al. Art Unit 2186 (Use as many sheets as necessary) **Examiner Name** Unknown Sheet Attorney Docket Number 1 of Pillar 716

Examiner	Cite	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	_
Initials*	No. the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), vonumber(s), publisher, city and/or country where published.		T²
		MARC FARLEY, Building Storage Networks, pages 39-41, 48-49, Second Edition, Osborne/McGraw Hill, US	
		SAN as the SCSI Bus Replacement, copyrighted 2000 Gadzoox Networks Inc., AN-SCSI600, pages 1-2, Application Note, US	
		SCSI Architecture, May 1999, pages 4-6, 13, IBM, US	
<u>-</u>		Serial Storage Architecture: A High-Performance Open Storage Interface, copyright IBM Corporation 2000, pages 1-2, IBM, US	
		MICHAEL ALEXENKO, ATA for the Enterprise: The Present and Future State of ATA, Maxtor copyrighted February 21, 2001, pages 1-15, US	
		·	
•			

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.